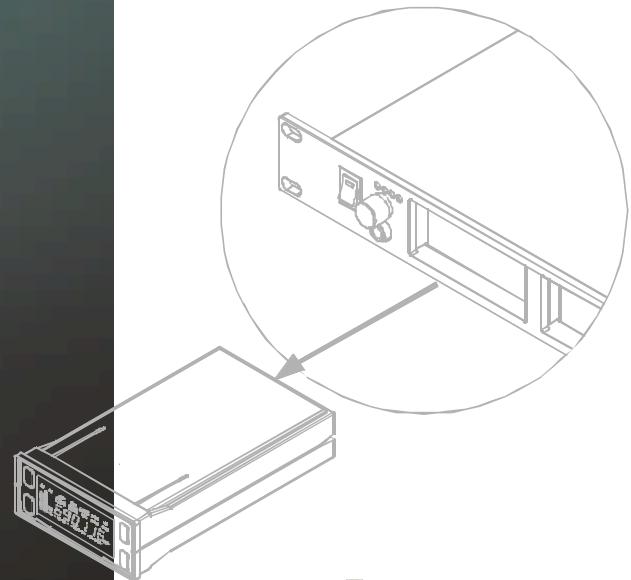


LCD DISPLAY
WIRELESS RECEIVER MODULE

ACT-707 MB

Instruction Manual



MIPRO Electronics Co., Ltd.

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MIPRO

LCD DISPLAY WIRELESSRECEIVER MODULE

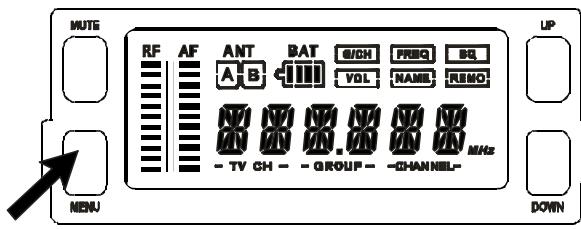
Thankyou for choosing MIPRO'sACT-707 MB (Mono-Colored LCD Display Wireless Receiver Module). To bring the maximum performance out of the system and know the system better, please take user's time and read this instruction thoroughly.

The display panel is a modularized mono-colored LCD display that can display various information of operation and perform ACT feature.

This system includes the following accessories:

Instruction Manual x 1

1. Full Display of LCD Screen and Locations of buttons



LCD DISPLAY WIRELESSRECEIVER MODULE

2. Designations of buttons and Functions

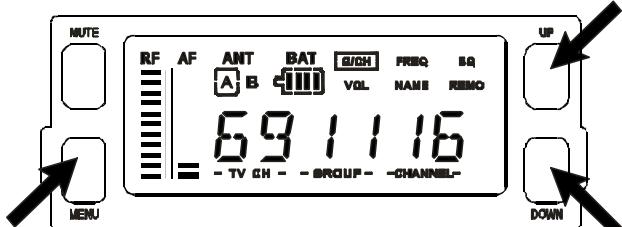
MENU: Enable user to select from one function to the other

"MENU" button allows user to select among 6 options (in the sequence showing below) that each is surrounded in a square frame and shown on the upper half of LCD display.

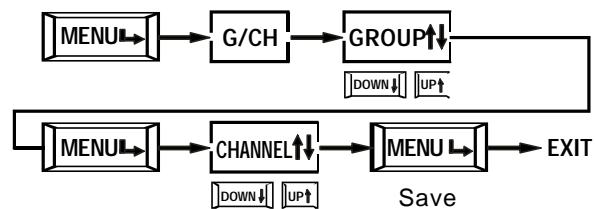
Detail functions and operations are as follows.

G/CH FREQ SQ VOL NAME REMO
↑

(1) G/CH: Indicates or sets the receiver GROUP and CHANNEL.



A. Operating Procedures.



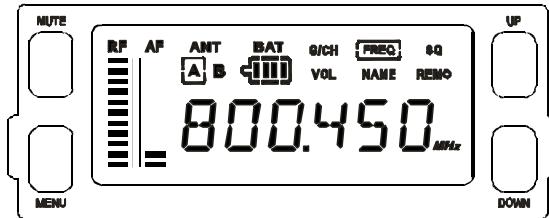
B. How to Operate?

- In the lower row of LCD display, TV CHANNEL, GROUP, and CHANNEL are separately shown in dual-digit numbers (from left to right).
- Push "UP" or "DOWN" button once and the number above "GROUP" will start to blink. Push "UP" or "DOWN" button now will permit user to change to another pre-programmed group. Push "MENU" button to confirm the modification and group number will stop blinking.

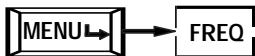
LCD DISPLAY WIRELESSRECEIVER MODULE

c. Repeat the same process as above for "CHANNEL" and verify the modification by pushing "MENU" button and channel number will stop blinking.

(2) FREQ: Indicates the frequency that is currently in use.



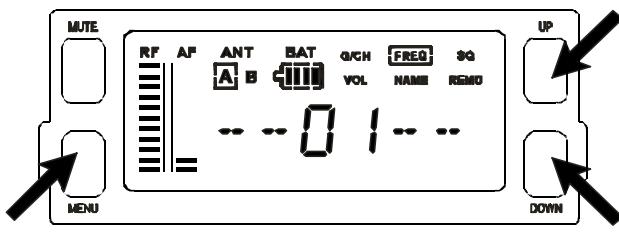
A. Operating Procedures.



B. How to Operate?

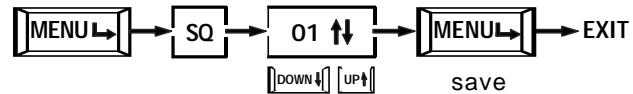
- After push "MENU" button and select the "FREQ" frame, it will show the frequency that is set under the GROUP and CHANNEL that one had selected previously.
- This function cannot be used for frequency alternation.

(3) SQ: Indicates or setups the Squelch level.



LCD DISPLAY WIRELESSRECEIVER MODULE

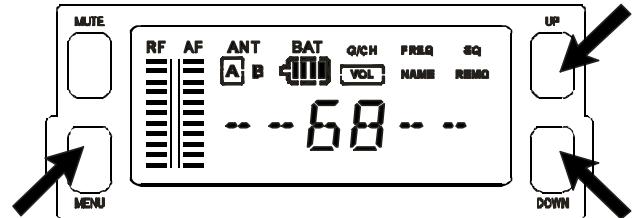
A. Operating Procedures.



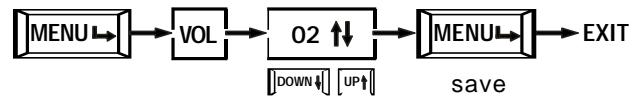
B. How to Operate?

- User can set the squelch level within the range of 01-99.
- To set the squelch level, simply by pushing the "UP" or "DOWN" button and confirm the modification by pushing "MENU" button.

(4) VOL: Indicates or setups the volume level.



A. Operating Procedures.

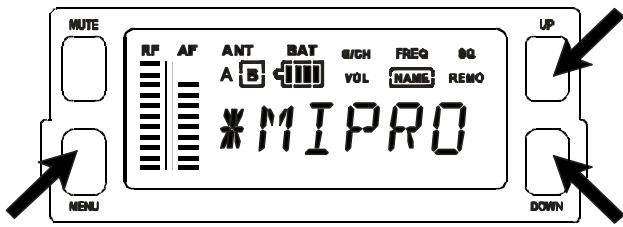


B. How to Operate?

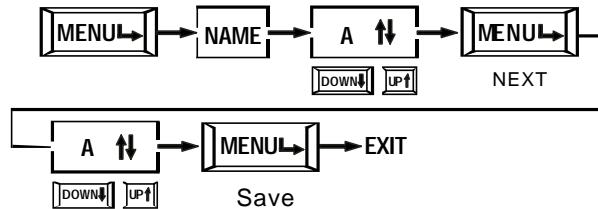
- User can set the volume level within the range of 00-68 in an increment or abatement of even numbers.
- To set the volume level, simply by pushing the "UP" or "DOWN" button and verify the modification by pushing "MENU" button.

LCD DISPLAY WIRELESSRECEIVER MODULE

(5) NAME: Indicates or setupsthe name of current channel user.



A. Operating Procedures.



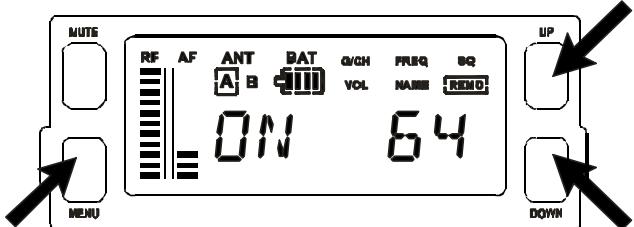
B. How to Operate?

- Maximum 6 characters are allowed (Select from capitalized English letter, numbers, + - x / , and space).
- Push "UP" or "DOWN" button intosetupmodeand the character on thefar leftwillstartblinking. (There will be n o blinking ifthereis no character in the specific space).
- Push "UP" or "DOWN" button to select desired character and confirm by pushing the"MENU" button. Onceconfirmed, the nextcharacter will start blinkingandreadyfor setup.
- Repeat stepcuntillALL 6 charactersareset.

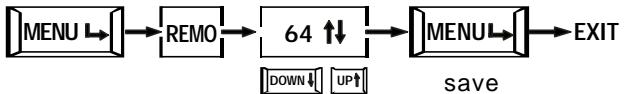
- 5 -

LCD DISPLAY WIRELESSRECEIVER MODULE

(6) REMO: Indicates or setupthe receiveraddressand status of remotecontrolling.



A. Operating Procedures.



B. How to Operate?

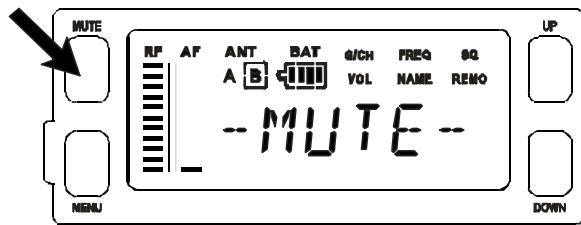
- RS-485interface isadapted forMIPROWireless Receiver Module. With MIPROInterface Converter and Monitoring Software, up to 64 receiver modules canberemote-controlledsimultaneously viaa P C.
- Address can be setwithintherange of 0 1-64. Under remote control mode, each receiver module MUSThasits own address. If 2 d ifferent receiver modules areusing the same address, it will cause confliction and result in monitoring error. However, if not under remote control mode, operation will remainnormal even i f 2 differentreceivermodules areusing thesameaddress.
- In remote control mode, "ON" will b e shown in the LCDdisplaypanel and the number next to the message is the address of the receiver module. However, "OFF" will b e shown isthesystemis not remotely linked to the PC.
- Push "UP" or "DOWN" button tochange receiver address and verifybypushingthe "MENU" button.

- 6 -

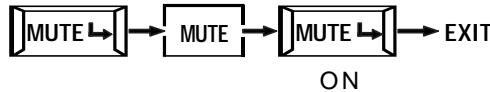
LCD DISPLAY WIRELESSRECEIVER MODULE

MUTE:

"MUTE" button allows user to switch on/off the mute mode of receiver module.



A. Operating Procedures.



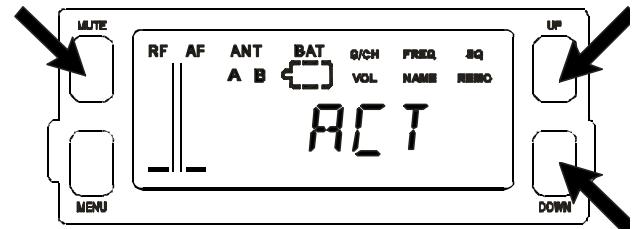
B. How to Operate?

- Push "MUTE" button will allow the receiver module to activate MUTE mode. LCD display panel shows "MUTE" on screen after MUTE mode is activated.
- Push "MUTE" button again and deactivate the MUTE

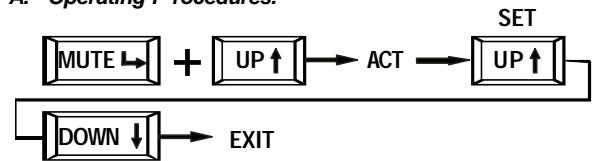
LCD DISPLAY WIRELESSRECEIVER MODULE

Combination of Buttons : (Operation of ACT Feature)

Simultaneous use of "MUTE" button with "UP" or "Down" button will permit user to activate or deactivate ACT feature.



A. Operating Procedures.



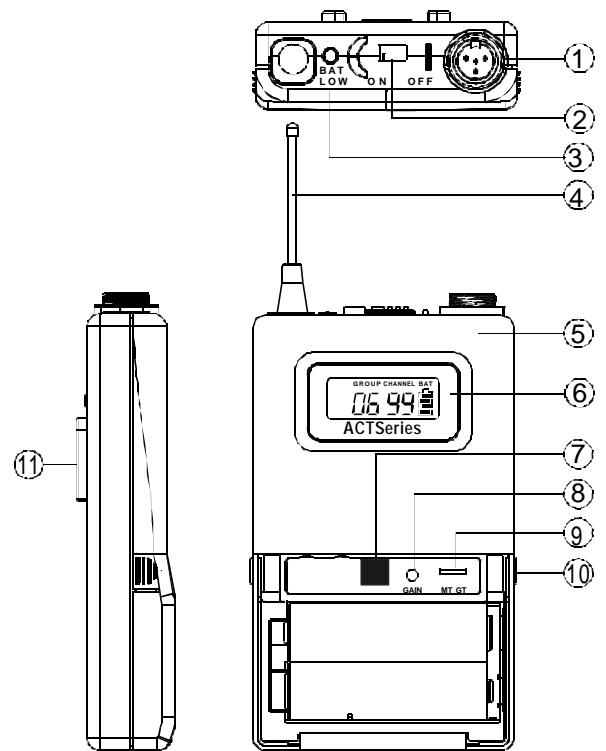
B. How to Operate?

- Hold "MUTE" button and push "UP" button to activate ACT feature.
- Position transmitter about 20 centimeters (20 cm) from the receiver module. User MUST face the LCD display of transmitter toward the LCD display of receiver module.
- Push "UP" button to set the frequency of transmitter. Setup is completed once the transmitter indicates the same frequency as receiver module.
- Push "DOWN" button to deactivate ACT mode.

BELT PACK TRANSMITTER

NOTE :

1. PARTS NAME AND FUNCTIONS



(Fig.1)

1. AF Input Jack: Connects to either lavalier or headset microphone. (See 5 ways of connection on AF Input Connections)
2. Power Switch: Switch to ON position for operation. Switch to OFF position when not in use.

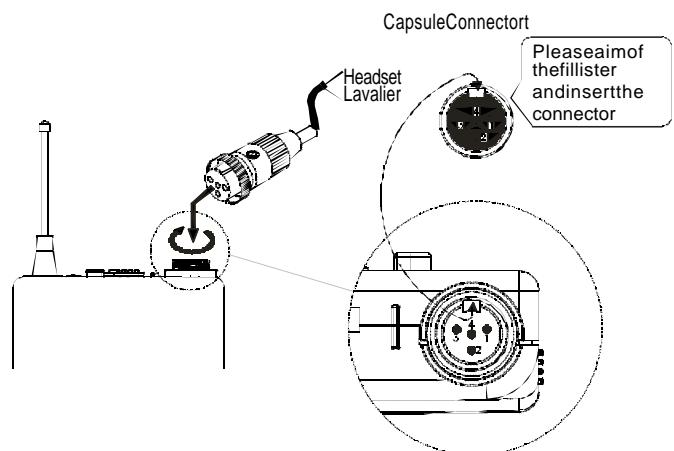
BELT PACK TRANSMITTER

3. Battery Status Indicator: Indicates the power on / off and battery status.
 - (a) When power switch is turned on: The LED indicator flashes briefly, indicating normal battery status.
 - (b) When RED light illuminates at either power on or during usage: The battery level is low, therefore, a new battery replacement is thus necessary.
4. Transmitting Antenna: 1/4 transmitting antenna.
5. Transmitter Housing: Packages the PCB and battery.
6. Functions of LCD Display
7. Act Signal Receptor
8. Gain Control: Adjusts the desirous input gain.
9. GT/MT Level Select Switch: Switch GT position for electric guitar usage and "Line In". Gain Control is irrelevant for "GT". Switch to "MT" for condenser microphone or wired microphone. Gain Control works in "MT" for input sensitivity adjusting.
10. Battery Compartment and Cover: Accommodates two 1.5V(AA) batteries.
11. Detachable Belt Clip: Pull slightly towards you and push down according to the arrow direction to release the belt clip.

BELT PACK TRANSMITTER

2. OPERATING INSTRUCTIONS

1. To adjust GT/MT Switch (10), and Gain Control (8), simply push down both snap locks on the sides of battery cover and flip it backwards to expose the adjustment panel.
2. Before power on, ascertain if same channel (7) was set up for both receiver and microphone. If not adjust to same channel accordingly.
3. The LED indicator flashes briefly when power on indicating normal battery status. If no flash occurs it has either no battery, the battery is drained or installed incorrectly. Change accordingly.
4. Plug the microphone connector into the input jack (1) and tighten the connector screw by clockwise direction as shown in (Fig. 2).

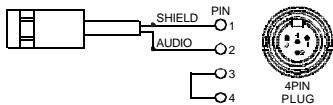


(Fig.2)

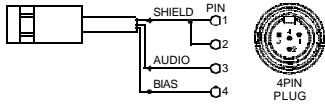
BELT PACK TRANSMITTER

3. AF INPUT CONNECTIONS

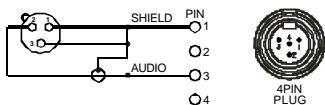
(1) 2-Wire Electret condenser microphone Capsule



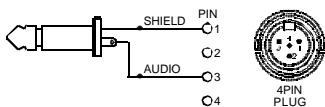
(2) 3-Wire Electret condenser microphone Capsule



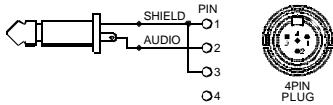
(3) Dynamic Microphone



(4) Electric Guitar



(5) Line-in (Impedance 8K ATT. 10dB)



BELT PACK TRANSMITTER

4. FUNCTIONS OF LCD DISPLAY



1. ERR Message: When "ERR" appears, it means "Error with the system". Please refer to the following codes to diagnose which error you are experiencing.

ERR noo1 EEPROM is not being programmed or internal data error.

ERR noo2 Testing only.

ERR noo3 The frequency you are about to program into the system exceeds microphone's upper limit. (At this time, microphone is still operable and the frequency remains unchanged. To clear to "ERR" message in LCD display, simply turns off the power and switch back on.)

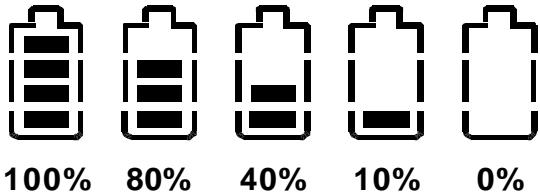
ERR noo4 The frequency you are about to program into the system is below microphone's frequency lower limit. (At this time, microphone is still operable and the frequency remains unchanged. To clear to "ERR" message in LCD display, simply turns off the power and switch back on.)

2. "Group" & "Channel" : When both items are shown, they indicate that the user is currently using the pre-programmed frequency in the receiver.

3. "Channel" Only : If "Channel" is the only item shown in the display, it indicates the user is using the personalized frequency. (Such frequency can only be programmed via MIPRO's ACT Software and available for ACT-707B and ACT-707C only.)

BELT PACK TRANSMITTER

4. Battery Status:



Battery Status: When the battery has less than 10% power remaining, LED indicator will lit to remind you to replace the battery. If undervoltage, LCD will show "P OFF" and shut down the system to avoid battery being over-discharged.

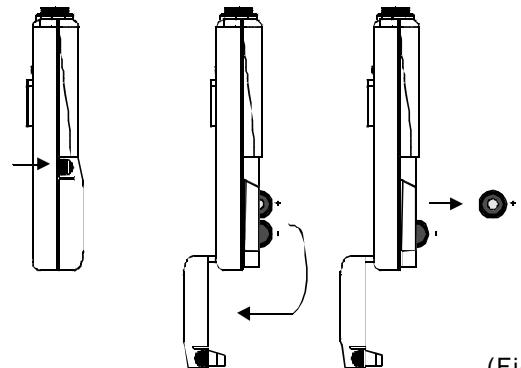
5. Switch Off:

When switch the power knob to "Off" position, LCD will show "P OFF" first. Then, the system is completely shut down and no further message will be displayed.

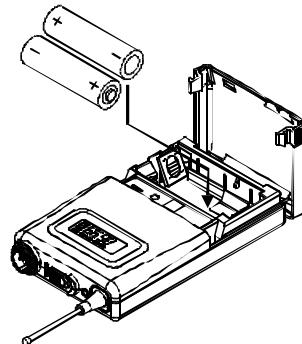
BELT PACK TRANSMITTER

5. BATTERY INSTALLATION

- Pushing down both snap locks on the sides of battery cover to open battery cover. Take out the batteries. Fig.(2).
- Insert a two 1.5(AA) batteries into the battery compartment according to the correct polarity as shown in Fig. (3). Then push up to close the battery compartment as shown in Fig. (3).



(Fig.2)



(Fig.3)